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10/30/01  
Date

Patricia K. Minors  
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Choe et al.

Serial No.: 09/928,774

Group Art Unit: 1645

Filing Date: March 26, 2001

Examiner: Unassigned

Title: *Dwf7* MUTANTS

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The information listed below may be material to the examination of the above-identified application. Copies of the information and completed PTO-1449 forms are submitted herewith. The Examiner is respectfully requested to make this information of official record in the application. The information includes:

Altmann, T., "A Tale of Dwarfs and Drugs: Brassinosteroids to the Rescue," *Trends Genet.* 14:490-495 (1998);

Azpiroz, R., Wu, Y., LoCascio, J.C. and Feldmann, K.A., "An Arabidopsis Bassinosteroid-Dependent mutant is Blocked in Cell Elongation," *Plant Cell* 10:219-230 (1998);

Bach, T.J. and Benveniste, P., "Cloning of cDNAs or Genes Encoding Enzymes of Sterol Biosynthesis From Plants and Other Eukaryotes: Heterologous Expression and Complementation Analysis of Mutations for Functional Characterization," *Prog. Lipid Res.* 36:197-226 (1997);

Bishop, G., Harrison, K. and Jones, J.D.G., "The Tomato *Dwarf* Gene Isolated by Heterologous Transposon Tagging Encodes the First Member of a New Cytochrome P450 Family," *Plant Cell* 8:959-969 (1996);

Bishop, G.J., Nomura, T., Yokota, T., Harrison, K., Noguchi, T., Fujioka, S., Takatsuto, S., Jones, J.D. and Kamiya, Y., "The Tomato DWARF Enzyme Catalyses C-6 Oxidation in Brassinosteroid Biosynthesis," *Proc. Natl. Acad. Sci. USA* 96:1761-1766 (1999);

Choe, S., Dilkes, B.P., Fujioka, S., Takatsuto, S., Sakurai, A. and Feldmann, K.A. "The *DWF4* Gene of *Arabidopsis* Encodes a Cytochrome P450 That Mediates Multiple 22 $\alpha$ -Hydroxylation Steps in Brassinosteroid Biosynthesis," *Plant Cell* 10:231-243 (1998);

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Gachotte, D., Meens, R. and Benveniste, P., "An *Arabidopsis* Mutant Deficient in Sterol Biosynthesis: Heterologous Complementation by *ERG3* Encoding a  $\Delta^7$ -sterol-C-5-Desaturase From Yeast," *The Plant Journal* 8:407-416 (1995);

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McKelvie, A.D., "A List of Mutant Genes in *Arabidopsis Thaliana* (L.) Heynh," *Radiation Botany* 1:233-241 (1962);

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GenBank Accession No. U49398;

GenBank Accession No. NM\_001360 (S7R-Human, Human Sterol  $\Delta^7$  Reductases);

GenBank Accession No. AF057368 (S7R-Rat);

GenBank Accession No. JC4057 (S14R-Yeast, Yeast Sterol C-14 Reductase);

GenBank Accession No. NM\_002296 (Human LBR);

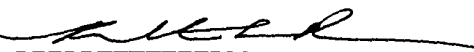
GenBank Accession No. AB002466 (Rat LBR); and

GenBank Accession No. P23913 (Chicken LBR).

This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

Date: 10/30/01

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